



**MANAGEMENT
CONSULTANCY**
Also trading as LM Health and Safety

Case Study No. 1

Title:	Accident Investigation
Client:	Confidential
Sector:	Energy
Duration:	1 month

CHALLENGES

A tragic lifting incident occurred in Oman, resulting in the loss of a worker's life when he is crushed by a suspended load.

OUR SOLUTION

We took a proactive approach by spearheading the third-party investigation, ensuring an impartial and thorough examination of the incident. This involves coordinating with external experts to gather critical evidence, analyse data, and identify contributing factors. Simultaneously, we led the in-company root cause analysis (RCA), engaging relevant stakeholders and leveraging cross-functional expertise to uncover the underlying causes that may ordinarily have been apparent. Our detailed process helped to move beyond surface-level issues and providing a comprehensive understanding of the situation.

By combining insights from both external investigations and internal analysis, we delivered actionable recommendations to prevent a recurrence, enhance the operational practices, and strengthen the overall safety and performance.

CONCLUSION

Following a thorough investigation and root cause analysis (RCA), we identified several critical issues that contributed to the incident. These included poor work methodology, characterised by the use of incorrect equipment, improper worker positioning, and instances of lone working. Delays in work commencement were also noted, often caused by the late arrival of the client supervisor.

Additionally, client-enforced time constraints, such as restrictions on driving after sunset and supervisors rushing to complete tasks before nightfall, added undue pressure on operations.

Lastly, inadequate supervision from both the contractor and client further compounded the risks, highlighting the need for improved oversight and better coordination to ensure safe and efficient working conditions. We guided the client through a series of proactive measures that were implemented. Detailed pre-task planning and thorough risk assessments are essential to identify potential hazards and establish robust controls before the work began.

Safe work methodologies were developed and enforced, ensuring the use of appropriate equipment, proper worker positioning, and eliminating lone working for high-risk tasks. Strengthened supervision by both contractors and clients was crucial to monitoring compliance with safety protocols and provide real-time guidance.

Collaborative efforts with clients are necessary to establish realistic timelines, avoiding unnecessary pressure or constraints such as rushing to complete tasks before sunset. Regular training was conducted to educate workers and supervisors on safe lifting practices, equipment usage, hazard identification, and emergency response. Timely commencement of work ensured punctuality and preparation among all stakeholders. Additionally, rigorous inspection and maintenance programs for lifting equipment are vital to guarantee its reliability and safety.

